Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 30 Oct 2023 until 23:59 on Tuesday 31 Oct 2023

Forecast Issued on Monday 30 Oct 2023 at 03:34

Confidence: High for an unsettled spell of weather, particularly later in the week, lower for rainfall detail.

Headline for Monday 30 Oct 2023: Rather cloudy with rain and showers.

Mountain weather hazards on Monday 30 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Drizzle	Mist	Heavy rain showers	Heavy rain showers	Light rain showers (night)
Precipitation probability					
40%	40%	30%	30%	60%	60%

Forecast for Monday 30 Oct 2023

Weather: Staying rather cloudy throughout Monday with outbreaks of rain during the morning, followed by heavy and perhaps thundery showers in the afternoon.

Chance of cloud-free hill tops above 600m: 20-30% improving to 70-80% by around midday

Low cloud and visibility: Broken cloud base 500-700m through most of the day, perhaps lifting a little later. Visibility moderate in rain, otherwise good out with cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 30 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 E	9/11 E	9/12 E	10/13 E	11/16 E	11/15 E	11/16 E
300	7/11 E	7/12 E	8/12 E	8/14 E	9/15 E	8/15 E	8/14 E
Valley	7/14 E	9/14 E	9/15 E	10/17 E	11/20 E	10/21 E	10/20 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/4	6/3	6/3	6/3	6/2	5/2	5/2
300	8/6	8/6	9/6	9/6	8/6	8/5	8/5
Valley	9/7	8/6	9/7	9/7	8/6	8/5	8/5
Freezing Level*	1800m	1700m	1700m	1700m	1700m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 30 Oct 2023	1.4mm	8.2mm	8.4mm

Forecast for Tuesday 31 Oct 2023

Weather: Mainly dry but rather cloudy on Tuesday, some bright or sunny spells at times. Heavy rain arriving from the southwest late evening.

Maximum wind: Easterly 5-10 mph, increasing southeasterly 15-20 mph, gusting 30-35 mph late evening.

Chance of cloud-free hill tops above 600m: 30% improving to 80% during the first part of the morning, lowering to 30% late evening.

Low cloud and visibility: Scattered or broken low cloud base 500-700m at first, lifting and breaking during the morning. Visibility good but moderate in rain later.

Temperature: **Valleys:** Plus 7 to 9 Celsius
At 600m: Plus 4 to 7 Celsius
Freezing level: Above summits

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